Appendix D



AllWest Environmental, Inc.

Specialists in Physical Due Diligence and Remedial Services

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SUBSURFACE INVESTIGATION REPORT

2400 Condensa Street, Santa Clara, California

PREPARED FOR:

Harvest Properties 200 Powell Street, # 210 Emeryville, California

ALLWEST PROJECT NO. 27205.23 September 5, 2007

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President



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SUBSURFACE INVESTIGATION

2400 Condensa Street, Santa Clara, California

I. EXECUTIVE SUMMARY

AllWest conducted a subsurface investigation on August 28, 2007 at a former light industrial property located at 2400 Condensa Street, Santa Clara, California (Figure 1). The purpose of the investigation was to assess if an upgradient, offsite source is the origin of chlorinated solvents detected in groundwater samples collected at the subject property southern perimeter (Figure 2).

The subsurface investigation included the drilling and sampling of geoprobe boreholes and analyzing soil and "grab" groundwater samples for volatile organic compounds (VOCs) including the Trichloroethene (TCE) and its common breakdown products trans-1,2-Dichloroethene (trans-1,2-DCE) and cis-1,2-Dichloroethene (cis-1,2-DCE). Seven geoprobe borings, GP-1 through GP-7 were advanced in both upgradient and downgradient groundwater directions of monitoring well W-8. Well MW-8 was installed by the Pacific Environmental Group (PEG) in June of 1997 as part of a site groundwater investigation.

Three groundwater contour maps dated 5/27/97, 1/19/01 and 7/27/01 prepared by PEG and KHM Environmental Management, Inc. (KHM) were forwarded to AllWest for review. All three maps indicated groundwater gradients to the northeast which is concurrent with local topography and regional groundwater gradients. Information from the maps were used to select geoprobe locations.

Four monitoring wells, MW-6 through MW-9, previously installed at the property have been sampled on eleven occasions since May 1997. The latest event was performed by Delta Environmental Consultants (Delta) in July 2007. Samples collected from these wells were analyzed for VOCs. Only samples collected from MW-8 have consistently detected VOCs. Low concentrations of several chlorinated solvents, including common laboratory contaminants, have been detected sporadically in groundwater samples collected from other areas of the property. They are not considered significant or representative of site conditions.

Concentrations of TCE detected in groundwater samples collected from MW-8 have varied from an initial low of 31 micrograms per liter (ug/L) (equivalent to parts per billion [ppb]) detected in May of 1997 to a high of 120 ppb in August 2000. Since 2000 levels have dropped slightly and remained consistent at approximately 100 ppb.

Under AllWest's supervision seven boreholes were advanced on August 28, 2007 by a Geoprobe drill rig to depths of 12 to 16 feet below ground surface (bgs). Groundwater was encountered at an approximate depth of 11 feet. Four soil and seven "grab" groundwater samples collected from

the site were forwarded to a certified laboratory and analyzed for VOCs per EPA Method 8260. VOCs were not detected in any soil sample analyzed (Table 1) indicating surface releases at the property are not a likely source of the VOCs detected at the property.

The chlorinated solvent TCE was detected in 5 of 7 groundwater samples collected with the highest concentration near the southern property line of the property. Two "breakdown" or biodegradation products of TCE; trans-1,2-DCE and cis-1,2-DCE were detected at low concentrations in 3 of 7 groundwater samples (Table 2). The detection of these "daughter" products indicate bio-degradation of the TCE is occurring albeit at a low rate. Figures 3 and 4 depict TCE and total VOC concentrations in groundwater samples collected by AllWest along with results of two additional water samples collected from monitoring wells MW-7 and MW-8 by Delta Environmental Consultants (Delta) on June 28, 2007.

Groundwater sample data was compared with Environmental Screening Levels propagated by the San Francisco Bay - Regional Water Quality Control Board (RWQCB) in their February 2005 document *Screening for Environmental Concerns at Site With Contaminated Soil and Groundwater*. Under most circumstances, the presence of a chemical at a concentration below the corresponding ESL can be presumed to not pose a significant risk to human health and the environment.

The maximum concentrations of TCE, 120 ppb, trans-1,2-DCE, 7.2 ppb and cis-1,2-DCE, 6.4 ppb were compared to ESL values for groundwater where groundwater is not considered a drinking water source. The ESLs for the three solvents detected are 360 ppb, 590 ppb and 590 ppb respectively, therefore concentration of solvents detected are below their ESLs.

The maximum concentrations of the three solvents in groundwater were also compared to their ESL for vapor intrusions levels into buildings to assess potential risk to facility occupants. The vapor intrusion ESLs for the three constituents are 530 ppb, 6700 ppb and 6200 ppb respectively and are well above the levels detected; therefore vapor intrusion is not considered a risk to future site occupants.

The exact source of the TCE detected at the up-gradient property boundary is not known, but a release from an up-gradient offsite source located south of the southern property line is highly likely. There is no indication the localized TCE impact is from a subject property specific hazardous material release.

It is reasonable to presume concentrations of TCE and its daughter products in groundwater will decline over time through the processes of bio-degradation, volatilization, dispersion, and dilution.

II. INTRODUCTION

AllWest conducted a subsurface investigation at the request of Harvest Properties on August 28, 2007 at a vacant industrial facility located at 2400 Condensa Street, Santa Clara, California. The purpose of the investigation was to assess if an up-gradient, offsite source is the likely origin of chlorinated solvents detected in site groundwater samples collected at the upgradient southern property boundary.

The subsurface investigation included the drilling and sampling of seven geoprobe boreholes and analyzing soil and "grab" groundwater samples for volatile organic compounds (VOCs) including the solvent Trichloroethene (TCE) and its common breakdown products trans-1,2-Dichloroethene (trans-1,1-DCE) and cis-1,2-Dichloroethene (cis-1,2-DCE). The geoprobe borings, GP-1 through -GP-7 were advanced in both upgradient and downgradient groundwater directions of monitoring well MW-8 (Figure 2).

A. Site Background

The 11 acre subject property is located in a "high tech" light industrial area of the city of Santa Clara, California, south of Condensa Street and The Central Expressway, east of San Thomas Aquino Creek with adjacent high tech complexes to the south and west.

In 1989 three groundwater wells (MW-1 through MW-3) were installed at the property in the vicinity of a former chemical storage area. The wells were subsequently destroyed by pressure grouting in 1992. In 1996 seventeen (17) soil gas samples were collected across the site. Freon 113 was detected at low concentration in one sample. No other VOCs were detected. In May 1997 PEG installed and sampled six groundwater monitoring wells, MW-4 though MW-9, to provide baseline environmental groundwater quality data. In October 1997 two wells, MW-4 and MW-5 were inadvertently destroyed during site redevelopment. The four remaining wells MW-6 through MW-9, have been sampled on eleven dates since May 1997 with the latest event performed by Delta in July 2007.

Groundwater samples collected from these wells were analyzed for VOCs. AllWest's data review indicates only samples collected from MW-8 have consistently detected VOCs. Low levels of several chlorinated solvents, including common laboratory contaminants have sporadically been detected in groundwater samples collected from the property. These are not considered significant. During AllWest's subsurface investigation the property was not in active use.

B. Purpose and Scope of Work

The purpose of the investigation was to assess if an upgradient, offsite source is the source of chlorinated solvents being detected in groundwater samples collected from a groundwater monitoring well (MW-8), located at the southwest portion of the property.

The scope of work as outlined in AllWest's proposal of August 24, 2007, consisted of the following tasks:

- 1) Develop a Site Specific Health and Safety Plan for the planned subsurface investigation;
- 2) Arrange underground utility clearing through Underground Service Alert (USA) and a private line locator;
- 3) Engage a qualified drilling contractor to perform borehole advancement;
- Advance seven soil boreholes using a Gropobe drilling rig at selected areas of the site. Collect representative soil and "grab" groundwater samples from the boreholes for analytical testing;
- 5) Submit four soil and seven groundwater samples to a California Department of Health Service certified laboratory;
- 6) Analyze four soil and seven groundwater samples for volatile organic compounds (VOC) and;
- 7) Interpret the data and present findings in a written report describing the field activities, summarizing the analytical results, and providing conclusions and recommendations.

III. PROJECT INITIATION

A. Underground Utility Clearing

To avoid damage to underground utility installations during the course of the subsurface investigation, AllWest contacted Underground Service Alert (USA), an organization for public utility information, on the pending subsurface investigation. USA then notified each of the public and private entities that maintained underground utilities within the vicinity of the site to locate and mark their installations for field identification.

A private underground utility locator, *Cruz Brothers*, of Los Gatos, California, was also employed by *AllWest* to conduct a magnetometer sweep of the investigation area to locate the marked and unmarked underground utilities, if any. All final sampling locations were cleared of known underground utilities.

IV. FIELD INVESTIGATION AND SAMPLING METHODOLOGY

A. Soil Borehole Advancement

A total of seven Geoprobe borings, GP-1 through GP-7, were advanced at the subject site during this surface investigation. The borings were located both upgradient and downgradient groundwater flow directions from monitoring well MW-8. GeoProbe locations are graphically presented in Figure 3.

The boreholes advancement was performed by *Environmental Control Associates, Inc.* (ECA), Aptos, California, a licensed C-57 California drilling contractor. The boreholes were advanced by drilling equipment utilizing the Geoprobe process. The standard procedure for borehole advancement, as presented in Appendix A, were followed. During the borehole advancement operation, a California Professional Geologist from *AllWest* was present to collect representative soil and groundwater samples, to conduct field screening and to maintain a continuous log of drilling activities.

B. Soil Sampling

Discrete soil samples for chemical analysis were collected from GP-1 through GP-4 at depths of 7 to 8 feet. Additional soil samples were also collected for lithological purposes. The standard geoprobe soil sampling procedures, as presented in Appendix A, were followed. Four soil samples for chemical analysis were collected during the subsurface investigation.

C. Groundwater Sampling

Groundwater was first identified in borings at approximate depths of 11 feet. After the borings reached a total depth of 16 feet, clean PVC plastic casing and screen were lowered into the boreholes and used as temporary well screens. New Teflon disposable bailers were employed to collect groundwater samples. All water samples were transferred to three 40 milliliter(ml) VOA vials furnished by the analytical laboratory. The VOA sample bottles had a Teflon lined septum/cap and were filled such that no headspace was present. All sample bottles were labeled and immediately placed on ice.

After the completion of soil and groundwater sampling activities all borings were backfilled to the surface with a "neat" cement grout.

V. SUBSURFACE CONDITION

Site soils consisted of interbedded silty clay, sand, and gravel. Soils in the upper ten feet were predominately fine grained sediments of silty clay. Below ten feet the fine grained sediments became interbedded with sands and gravels. Moisture content increased with depth. Depth to

groundwater was measured at an approximate depth of 11 feet which is consistent with previous investigations. The coarser sediments, sands and gravels are expected to be the main groundwater transmittal zone. Based on the site location and local topography a groundwater flow direction to the northeast is estimated. This is consistent with historical measurements of groundwater flow calculations performed by Delta and others.

VI. LABORATORY ANALYSES

Four soil and seven groundwater samples were submitted to *McCampbell Analytical Inc*.(McCampbell), Pittsburg, California. McCampbell is a California Department of Health Services (DHS) certified analytical laboratory for the analysis requested. The samples were analyzed on a 48 hour turn-around basis for volatile organic compounds (VOCs) per EPA Method 8260B. Copies of the laboratory data sheets are attached as Appendix B.

VII. DISCUSSION OF FINDINGS

VOCs were not detected in any analyzed soil samples (Table 1) indicating surface releases in the area are not a likely source of the VOCs detected at the property.

The chlorinated solvent TCE was detected in 5 of 7 groundwater samples collected during the investigation with the highest concentration near the up-gradient southern property line. Two "breakdown" or bio-degradation products of TCE; trans-1,2-DCE and cis-1,2-DCE were detected at low concentrations in 3 of 7 groundwater samples (Table 2). The detection of these "daughter" products indicate bio-degradation of the TCE is occurring albeit at a low rate. Figures 3 and 4 depict TCE and total VOC concentration in groundwater samples collected by AllWest along with results of two additional water samples collected from monitoring wells MW-7 and MW-8 by Delta on June 28, 2007.

Groundwater sample data was compared with Environmental Screening Levels propagated by the San Francisco Bay - Regional Water Quality Control Board (RWQCB) in their February 2005 document Screening for Environmental Concerns at Site With Contaminated Soil and Groundwater. Under most circumstances, the presence of a chemical at a concentration below the corresponding ESL can be presumed to not pose a significant risk to human health and the environment.

The maximum concentrations of TCE, 120 ppb, trans-1,2-DCE, 7.2 ppb and cis-1,2-DCE, 6.4 ppb were compared to ESL values for groundwater where groundwater is not considered a drinking water source. The ESLs for the three solvents detected are 360 ppb, 590 ppb and 590 ppb, therefore concentration of solvents detected are below their ESL.

The maximum concentrations of the three solvents in groundwater were also compared to their ESL for vapor intrusions levels into buildings to assess risk to occupants of the facility. The vapor intrusion ESLs for the three constituents are 530 ppb, 6700 ppb and 6200 ppb and are well above the levels detected; therefore vapor intrusion is not considered a risk to workers at the property.

VIII. CONCLUSIONS

Groundwater data collected since 1997 at the subject property indicates an off-site, upgradient TCE source as the origin of chemicals detected in the area surrounding MW-8. The exact TCE release mechanism is unknown. Possible release scenarios include both spills or leaks during various industrial operations at the adjacent property to the south.

It is reasonable to presume concentrations of TCE and its daughter products in groundwater will decline over time through the processes of bio-degradation, volatilization, dispersion, and dilution.

Based on site specific maximum concentrations of TCE and other solvents detected in groundwater, it is unlikely these residual chemicals pose a health risk to future site occupants.

IX. REPORT LIMITATIONS

The work described in this report is performed in accordance with the Environmental Consulting Agreements between Harvest Properties and AllWest Environmental, Inc, dated August 21, 2007. AllWest has prepared this report for the exclusive use of Harvest Properties for this particular project and in accordance with generally accepted practices at the time of the work. No other warranti s, certifications or representations, either expressed or implied are made as to the professional advice offered. The services provided for Harvest Properties were limited to their specific requirements; the limited scope allows for AllWest to form no more than an opinion of the actual site conditions. No matter how much research and sampling may be performed the only way to know about the actual composition and condition of the subsurface of a site is through excavation.

The conclusions and recommendations contained in this report are made based on observed conditions existing at the site, laboratory test results of the submitted samples, and interpretation of a limited data set. It must be recognized that changes can occur in subsurface conditions due to site use or other reasons. Furthermore, the distribution of chemical concentrations in the subsurface can vary spatially and over time. The results of chemical analysis are valid as of the date and at the sampling location only. AllWest cannot be held accountable for the accuracy of the test data from an independent laboratories nor for any analyte quantities falling below the recognized standard detection limits for the method utilized by the independent laboratories.

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

2400 Condensa Street Santa Clara, California

Sample ID	Sample Depth (Feet)	TCE	all other VOCs
S- GP-1-7'-8'	7'-8'	ND	ND
S- GP-2-7'-8'	7'-8'	ND	ND
S- GP-3-7'-8'	7'-8'	ND	ND
S- GP-4-7'-8'	7'-8'	ND	ND

Notes:

- 1. TCE= trichloroethene
- 2. VOC = Volatile Organic Compounds
- 3. Concentrations for soils analyses are in units of mg/Kg, equivalent to parts per million (ppm)
- 4. ND = Not detected at or above the laboratory method reporting limit (MRL).
- Analytical methods were U.S. EPA methods 8260B. Analytical results reported by McCampbell Analytical. Inc.

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

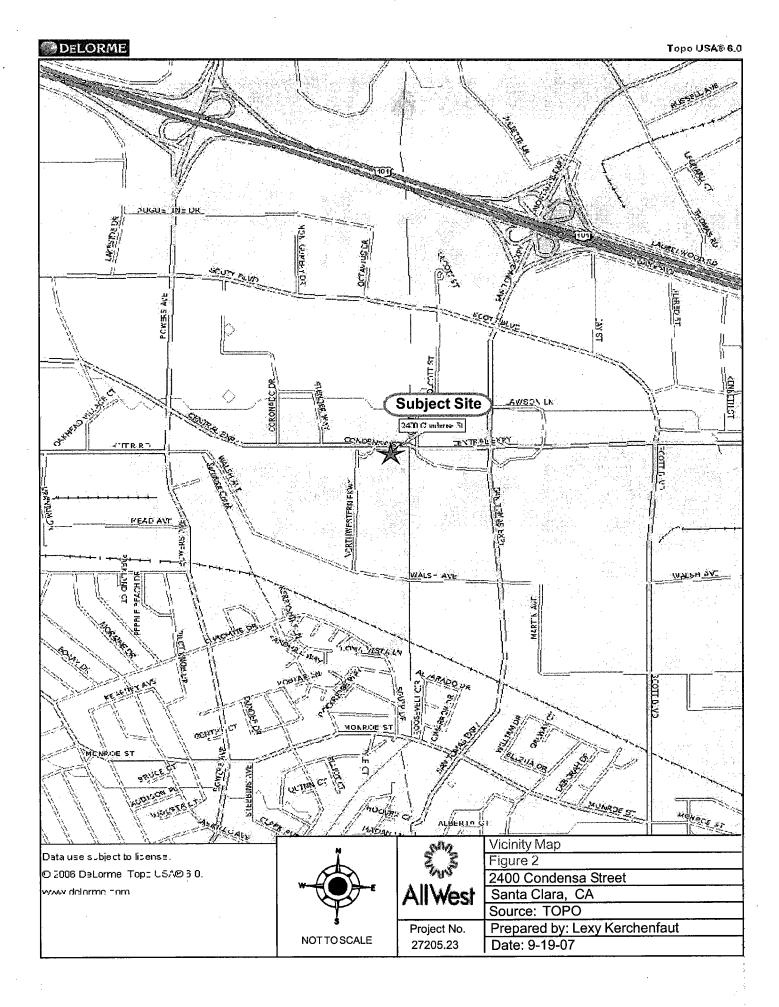
2400 Condensa Street Santa Clara, California

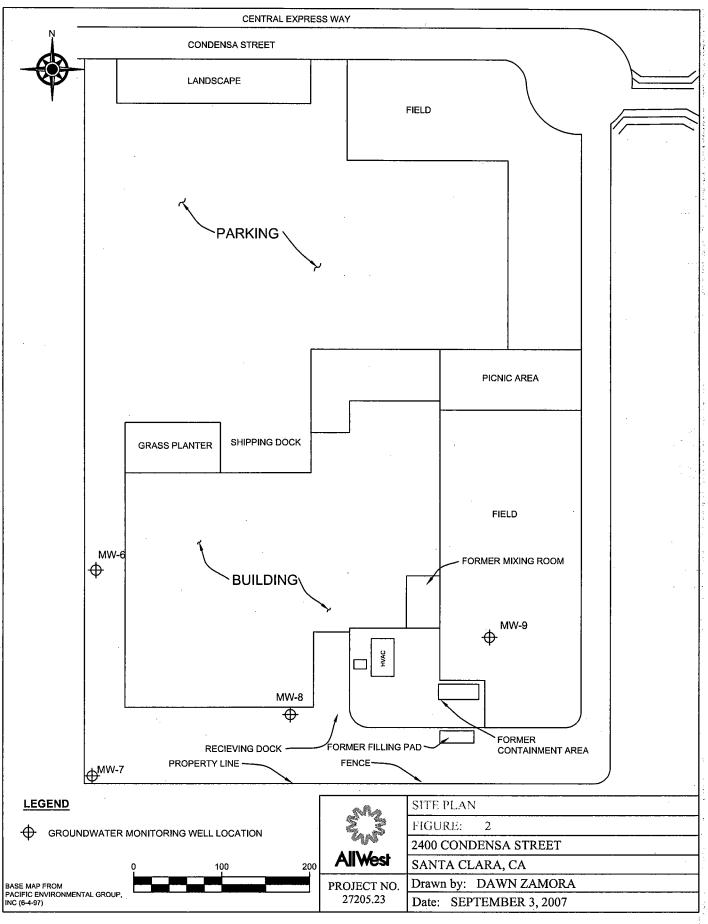
Sample ID	TCE	trans -1,2-DCE	cis-1,2-DCE	all other VOCs
W- GP-1	60	ND	ND	ND
W- GP-2	3.0	7.2	6.4	ND
W- GP-3	ND	2.0	1.7	ND
W- GP-4	ND	ND ·	ND	ND
W- GP-5	120	ND	ND	ND
W- GP-6	50	ND	ND	ND
W- GP-7	45	ND	0.58	ND

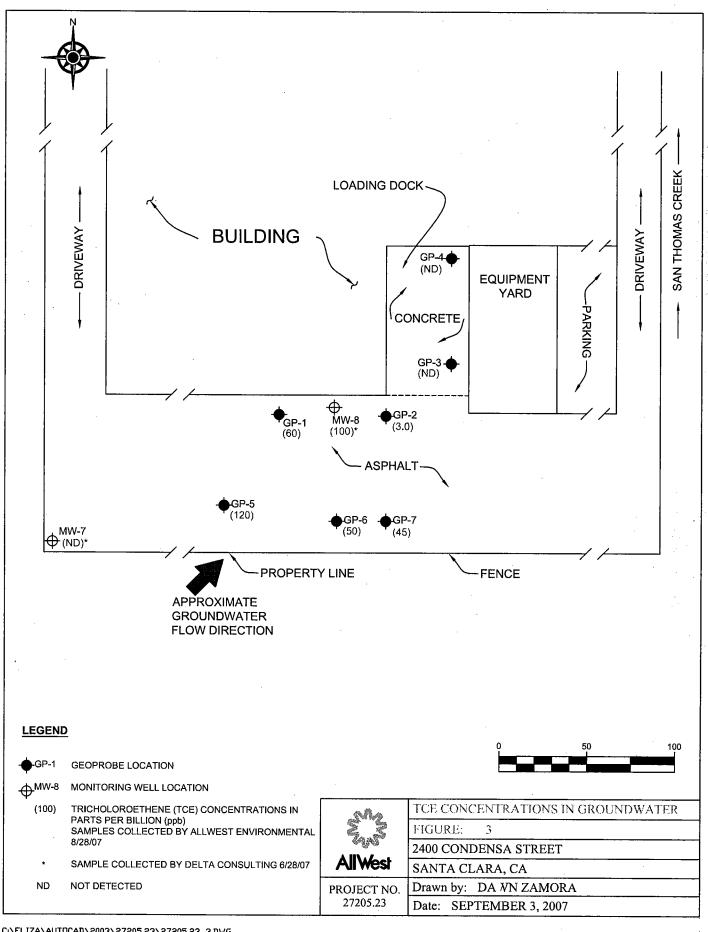
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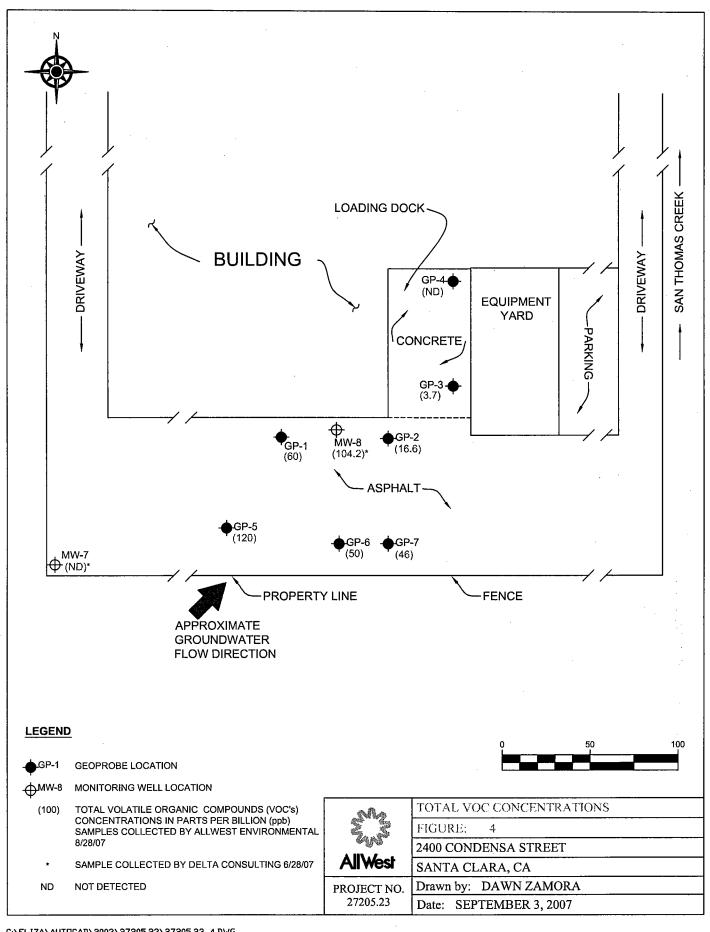
- 1. TCE= trichloroethene,
- 2. Trans -1.2-DCE = Trans-1,2-Dichloroethene
- 3. Cis -1.2-DCE = cis-1,2-Dichloroethene
- 4. VOCs= Volaille Organic Compounds
- 5. Concentrations for groundwater analyses are in units of ug/L equivalent to parts per billion (ppb)
- 6. ND = Not detected at or above the laboratory method reporting limit (MRL)
- Analytical methods for VOCs were U.S. EPA methods 8260B. Analytical results reported by McCampbell Analytical, Inc.

FIGURES









APPENDIX A

STANDARD GEOPROBE SAMPLING PROCEDURES

Soil Sampling

Soil core sampling is accomplished using a nominal 4-foot long, 3-inch diameter galvanized steel drive probe and extension rods. The drive probe is equipped with nominal 1-1/2 inch diameter clear plastic poly tubes that line the interior of the probe. The probe and insert tubes are together pneumatically driven using a percussion hammer in 4-foot intervals. After each drive intervals the drive probe and rods are retrieved to the surfaced. The poly tube containing subsurface soil is then removed. The drive probe is then cleaned, equipped with a new poly tube and reinserted into the boring with extension rods as required. The apparatus is then driven following the above procedure until the desire depth is obtained. The poly tubes and soil are inspected after each drive interval with lithologic and relevant drilling observations recorded. Soil samples are screened for organic vapors using an organic vapor meter (OVM) or other appropriate device. OVM readings, soil staining and other relevant observations are recorded. Selected soil samples intervals can be cut from the 4-foot intervals for possible analytical or geotechnical testing or other purposes.

The soils contained in the sample liners are then classified according to the Uniform Soil Classification System and recorded on the soil boring logs.

Each sample liner selected for laboratory analyses are sealed with Teflon sheets, plastic end caps, and silicon tape. The sealed sample liner is then labeled, sealed in a plastic bag, and placed in an ice chest cooled to 4°C with crushed ice for temporary field storage and transportation. The standard chain-of-custody protocol is maintained for all soil samples from the time of collection to arrival at the laboratory.

Groundwater Sampling

Groundwater sampling is performed after the completion of soil sampling and when the boring has reached its desired depth. The steel probe and rods are then removed from the boring and new, nominal 1-1/2 inch diameter PVC solid and perforated temporary casing is lowered into the borehole. Depth to water is then measured using an electronic groundwater probe. Groundwater samples will be collected using a stainless steel bailer or a Teflon disposable bailer.

After the retrieval of the bailer, groundwater samples contained in the bailer are decanted into laboratory provided containers. The containers are then sealed with Teflon coated caps with no headspace, labeled, and placed in an ice chest for field storage and transportation to a state certified analytical laboratory. The standard chain-of-custody protocols are followed from sample collection to delivery to the laboratory. A new bailer is used for each groundwater sampling location to avoid cross contamination.

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		╁		上,二	1 .	54	dense, slight mois	t, brown
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	ļ			<u> </u>	2.0		Fig - Sand + Grave 1 (Sub-base)				
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_	M		Log of E			<u> </u>	Date: 4/28/07
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•	MIT			Project Name: 2100 Covage 5-1, Donate Covage 5-1, D			
A 11	1		Drilling	2 st			
All	All West		Drilling	Method:	- G50	prohe	Hole Diameter: 2'
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Sample	Samp	ie edu		Depth	Well	USCS	Soil
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	 	+	 		1 :		some gravel
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Sheet 1 of 1

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				Proiect N	Location: Project Number: 27205.13 Project Name: 2400 Con Lansa, Santa Clara.							
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	We)CL	.	Drilling !	Hole Diameter: 2'							
/7 II	***	3 [Sampler					nbjedu-			
	8	<u></u>	_		Depth	Well	USCS	Soil	·			
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							Fill	Fill - Sand + Gravel - (Subbox)				
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	 -			 	3 —	1	_	- some fine ground, organ	mils			
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		_		<u> </u>	L ₆ _	1		Silty Clay - light grayish brow.	, nava			
					匚°二	1	2	Slightly moist, some	sand			
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RODUNDS FROM 11" X 17" TO 8" 16" X 11 200 FEET FIGURE GROUNDWATER ELEVATION CONTOUR MAP (27.87) GROUNDWATER ELEVATION IN FEET - MSL., 5-27-97 -Groundwater elevation contour in Feet -MSL, 5-27-97 Groundwater monitoring well location and designation PROJECT: 223-004.1C COHERENT, INC. 2400 Condense Street Santa Clara, California Ø ABANDONED MONITORING WELL LOCATION APPROXIMATE DIRECTION OF GROUNDWATER FLOW DATE: 6-4-97 MW-5 🕲 , 28.00 PACIFIC ENVIRONMENTAL GROUP, INC. -Containment Area (former Ast solvent) MIXING ROOM PICNIC AREX FILLING VACANT FIELD @ (27.87) 28,0 VACANT 29.0 MW-4 (28.07) HVAC 30.0 LANDSCAPE GASOLINE SPILL AREA GRASS PLANTER Ø (29.81) 31.0 (30.80)

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

All West Environmental, Inc	Client Project ID: #27205.23; 2400	Date Sampled: 08/28/07
530 Howard Street, Ste. 300	Condensa	Date Received: 08/28/07
Sau Francisco CA 04105	Client Contact: Mike Siembieda	Date Reported: 08/30/07
San Francisco, CA 94105	Client P.O.:	Date Completed: 08/30/07

WorkOrder: 0708786

August 30, 2007

Dear Mike:

Enclosed are:

- 1). the results of 11 analyzed samples from your #27205.23; 2400 Condensa project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.



Pittsburg, CA 94565-1701 1534 Willow Pass Rd (925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 0708786

ClientID: AWE

Report to:

Mike Siembieda

530 Howard Street, Ste. 300 All West Environmental, Inc San Francisco, CA 94105

Email:

ProjectNo: #27205.23; 2400 Condensa Po:

michael@allwest1.com (415) 391-251 FAX: (415) 391-200

✓Email

Fax

Excel

Requested TAT: 2 days ☐ ThirdParty HardCopy

Date Received: 08/28/2007

530 Howard Street, Ste.300 All West Environmental, Inc

Darlene Torio

Bill to

San Francisco, CA 94105

darlene@allwest1.com

Date Printed: 08/29/2007

								Redue	sted T	Requested Tests (See legend below)	ee led	end be	(wo)			
Sample ID	ClientSampID	Matrix	Collection Date Hold	용	-	2	8	4	ည	9	2	8	6	9	=	12
				J												
0708786-001	W-GP-1	Water	8/28/2007			۷										
0708786-002	W-GP-2	Water	8/28/2007			۷										
0708786-003	W-GP-3	Water	8/28/2007			٧										
0708786-004	W-GP-4	Water	8/28/2007		-	Y Y										
0708786-005	W-GP-5	Water	8/28/2007			٧										
0708786-006	W-GP-6	Water	8/28/2007			٧										
0708786-007	W-GP-7	Water	8/28/2007			٧							-	-		
0708786-009	S-GP-1-7-8'	Soil	8/28/2007		A											
0708786-010	S-GP-2-7-8'	Soil	8/28/2007		А											
0708786-011	S-GP-3-7'-8	Soil	8/28/2007		А											
0708786-012	S-GP-4-7-8'	Soil	8/28/2007		A											

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Venegas
Ana
by:
pared
Preg

48 hr rush Comments: NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Comments:

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name:	All West Enviro	nmental, inc			Date and	i Time Neceived. 6/20/2007	7.30.14 1 10
Project Name:	#27205.23; 2400	Condensa			Checklis	st completed and reviewed by:	Ana Venegas
WorkOrder N°:	0708786	Matrix Soil/Water			Carrier:	rick	
		<u>Chair</u>	of Cu	stody (C	OC) Informati	<u>on</u>	
Chain of custody	y present?		Yes	V	No □		
Chain of custody	y signed when relinqu	uished and received?	Yes	V	No □		
Chain of custody	y agrees with sample	labels?	Yes	V	No 🗌		
Sample IDs noted	d by Client on COC?		Yes	✓	No 🗆		
Date and Time of	f collection, noted by C	Client on COC?	Yes	\checkmark	No 🗆		
Sampler's name	noted on COC?		Yes		No 🗹		
		<u>s</u>	ample	Receipt	Information		
Custody seals in	ntact on shipping conf	tainer/cooler?	Yes		No 🗆	NA 🗹	
	ner/cooler in good cor		Yes	V	No 🗆		
Samples in prop	er containers/bottles	?	Yes	✓	No 🗆		
Sample contains	ers intact?		Yes	\checkmark	No 🗆		
Sufficient sample	e volume for indicate	d test?	Yes	✓	No 🗆		
		Sample Prese	rvatio	n and Ho	old Time (HT)	Information	
All samples rece	eived within holding ti	me?	Yes	V	No 🗌		
,	Blank temperature		Coole	er Temp:	18.9°C	NA 🗆	
	als have zero headsp	pace / no bubbles?	Yes	V	No 🔲 1	No VOA vials submitted 🔲	
Sample labels c	hecked for correct pr	reservation?	Yes	V	No 🗀		
TTLC Metal - pH	l acceptable upon rec	ceipt (pH<2)?	Yes		No 🗀	NA 🗹	
							•
	======		==:	===			
Client contacted)•	Date contac	cted:			Contacted by:	



All West Environmental, Inc

530 Howard Street, Ste. 300

San Francisco, CA 94105

McCampbell Analytical, Inc.

"When Ouality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

	Client Project ID: #27205.23; 2400	Date Sampled: 08/28/07
ř	Condensa	Date Received: 08/28/07
	Client Contact: Mike Siembieda	Date Extracted: 08/30/07
	Client P.O.:	Date Analyzed 08/30/07

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Analytical Method: SW8260B Work Order: 0708786 Extraction Method: SW5030B 0708786-001A Lab ID W-GP-1 Client ID Water Matrix Reportin Reporting DF Concentration * DF Compound Compound Concentration * ND<25 5.0 5.0 ND<50 5.0 10 Acrolein (Propenal) Acetone 0.5 ND<2.5 ND<10 5.0 tert-Amyl methyl ether (TAME) Acrylonitrile ND<2.5 <u>5.0</u> 0.5 5.0 Bromobenzene ND<2.5 Benzene 5.0 Bromodichloromethane ND<2.5 5.0 0.5 ND<2.5 Bromochloromethane 0.5 ND<2.5 5.0 ND<2.5 5.0 0.5 Bromomethane **Bromoform** <u>5.0</u> ND<25 5.0 t-Butyl alcohol (TBA) ND<10 5.0 2.0 2-Butanone (MEK) ND<2.5 5.0 0.5 5.0 sec-Butyl benzene n-Butyl benzene ND<2.5 5.0 0.5 5.0 Carbon Disulfide ND<2.5 ND<2.5 tert-Butyl benzene 5.0 0.5 5.0 Chlorobenzene ND<2.5 ND<2.5 0.5 Carbon Tetrachloride 5.0 1.0 2-Chloroethyl Vinyl Ether ND<5.0 ND<2.5 5.0 0.5 Chloroethane ND<2.5 0.5 0.5 Chloroform ND<2.5 5.0 Chloromethane ND<2.5 5.0 0.5 5.0 4-Chlorotoluene ND<2.5 2-Chlorotoluene ND<2.5 5.0 0.5 1,2-Dibromo-3-chloropropane ND<2.5 5.0 Dibromochloromethane ND<2.5 5.0 0.5 5.0 Dibromomethane ND<2.5 1,2-Dibromoethane (EDB) 0.5 ND<2.5 ND<2.5 5.0 1,3-Dichlorobenzene 1,2-Dichlorobenzene ND<2.5 0.5 ND<2.5 5.0 Dichlorodifluoromethane 1,4-Dichlorobenzene 5.0 0.5 ND<2.5 5.0 1,2-Dichloroethane (1,2-DCA) 1,1-Dichloroethane ND<2.5 ND<2.5 5.0 0.5 0.5 5.0 cis-1,2-Dichloroethene ND<2.5 1,1-Dichloroethene ND<2.5 5.0 0.5 5.0 0.5 1,2-Dichloropropane ND<2.5 trans-1,2-Dichloroethene 5.0 0.5 ND<2.5 ND<2.5 5.0 0.5 2.2-Dichloropropane 1,3-Dichloropropane 5.0 0.5 ND<2.5 cis-1,3-Dichloropropene ND<2.5 5.0 0.5 1,1-Dichloropropene 0.5 Diisopropyl ether (DIPE) ND<2.5 5.0 5.0 trans-1,3-Dichloropropene ND<2.5 5.0 0.5 5.0 Ethylbenzene ND<2.5 ND<250 50 Ethanol ND<50 5.0 10 0.5 Freon 113 ND<2.5 5.0 Ethyl tert-butyl ether (ETBE) 0.5 ND<2.5 5.0 5.0 0.5 Hexachloroethane ND<2.5 <u>Hexachlorobutadiene</u> 500 ND<2500 5.0 ND<2.5 5.0 0.5 Methanol 2-Hexanone ND<2.5 5.0 0.5 5.0 0.5 4-Isopropyl toluene ND<2.5 Isopropylbenzene ND<2.5 5.0 0.5 Methyl-t-butyl ether (MTBE) ND<2.5 5.0 Methylene chloride ND<2.5 5.0 0.5 0.5 ND<2.5 5.0 Naphthalene 4-Methyl-2-pentanone (MIBK) 0.5 ND<2.5 5.0 ND<50 5.0 n-Propyl benzene Nitrobenzene ND<2.5 5.0 0.5 ND<2.5 5.0 0.5 1,1,1,2-Tetrachloroethane Styrene 0.5 ND<2.5 5.0 Tetrachloroethene 1,1,2,2-Tetrachloroethane ND<2.5 5.0 ND<2.5 5.0 0.5

%SS1:

Vinvl Chloride

Toluene

1,2,4-Trichlorobenzene

1,1,2-Trichloroethane

Trichlorofluoromethane

1,2,4-Trimethylbenzene

5.0

5.0

5.0

5.0

5.0

103 105 0.5

0.5

0.5

0.5

Surrogate Recoveries (%)

1,2,3-Trichlorobenzene

1,1,1-Trichloroethane

1,2,3-Trichloropropane

1,3,5-Trimethylbenzene

Trichloroethene

%SS2:

ND<2.5

ND<2.5

ND<2.5

ND<2.5

ND<2.5

ND<2.5

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



ND<2.5

ND<2.5

ND<2.5

ND<2.5

60

0.5

0.5

0.5

0.5

0.5

5.0

5.0

5.0

5.0

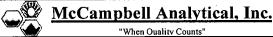
5.0

103

water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or surrogate coelutes with another peak.



1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

All West Environmental, Inc Client Project ID: #27205.23; 2400 Date Sampled: 08/28/07 Condensa Date Received: 08/28/07 530 Howard Street, Ste. 300 Client Contact: Mike Siembieda Date Extracted: 08/30/07 San Francisco, CA 94105 08/30/07 Client P.O.: Date Analyzed

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0708786

Lab ID		0708786-002A						
Client ID				W-GP-2	·			
Matrix				Water				
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit	
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0	
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5	
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5	
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5	
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5	
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0	
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5	
tert-Butvl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5	
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5	
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0	
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5	
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5	
Dibromochloromethane	ND	1.0	0.5	1.2-Dibromo-3-chloropropane	ND	1.0	0.5	
1.2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5	
1.2-Dichlorobenzene	ND	1.0	0.5	1.3-Dichlorobenzene	ND	1.0	0.5	
1.4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5	
1.1-Dichloroethane	ND	1.0	0.5	1.2-Dichloroethane (1.2-DCA)	ND	1.0	0.5	
1.1-Dichloroethene	ND ND	1.0	0.5	cis-1,2-Dichloroethene	6.4	1.0	0.5	
trans-1.2-Dichloroethene	7.2	1.0	0.5	1.2-Dichloropropane	ND	1.0	0.5	
1.3-Dichloropropane	ND 7.2	1.0	0.5	2.2-Dichloropropane	ND	1.0	0.5	
1.1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5	
trans-1,3-Dichloropropene	ND ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1,0	0.5	
Ethanol	ND ND	1.0	50	Ethylbenzene	ND	1.0	0.5	
Ethyl tert-butyl ether (ETBE)	ND ND	1.0	0.5	Freon 113	ND ND	1.0	10	
Hexachlorobutadiene	ND ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5	
2-Hexanone	ND ND	1.0	0.5	Methanol	ND	1.0	500	
	ND ND	1.0	0.5	4-Isopropyl toluene	ND ND	1.0	0.5	
Isopropylbenzene	ND ND	1.0	0.5	Methylene chloride	ND ND	1.0	0.5	
Methyl-t-butyl ether (MTBE)		1.0	0.5	Naphthalene	ND	1.0	0.5	
4-Methyl-2-pentanone (MIBK)	ND ND	1.0	10	n-Propyl benzene	ND ND	1.0	0.5	
Nitrobenzene						1.0	 	
Styrene	ND ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND ND	1.0	0.5	
1,1,2,2-Tetrachloroethane	ND ND	1.0	0.5	Tetrachloroethene	ND ND	1.0	0.5	
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene			0.5	
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND 2.0	1.0	0.5	
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	3.0			
Trichlorofluoromethane	ND ND	1.0	0.5	1,2,3-Trichloropropane	ND ND	1.0	0.5	
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND ND	1.0_	0.5	
Vinvl Chloride	ND	1.0	0.5	Xvlenes	ND.	1.0	0.5	
			ogate Re	ecoveries (%)				
%SS1:		04		%SS2:	1	03		
%SS3 [.]	1:	0.5		<u> </u>	<u> </u>			

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.



1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

All West Environmental, Inc		Date Sampled: 08/28/07
30 Howard Street, Ste. 300	Condensa	Date Received: 08/28/07
330 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 08/29/07
San Francisco, CA 94105	Client P.O.:	Date Analyzed 08/29/07

Lab ID				0708786-003A			
Client ID				W-GP-3			
Matrix				Water			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reportin Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND _	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND _	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	1.7	1.0	0.5
trans-1,2-Dichloroethene	2.0	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	_ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethanol	ND_	1.0	50	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Methanol	ND	1.0	500
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	_ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	_ND	1.0	10_	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xvlenes	ND	1.0	0.5
		Surre	ogate Re	ecoveries (%)			

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.



McCampbell Analytical, Inc.

"When Ouality Counts"

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Client Project ID: #27205.23; 2400 Date Sampled: 08/28/07 All West Environmental, Inc Condensa Date Received: 08/28/07 530 Howard Street, Ste. 300 Client Contact: Mike Siembieda Date Extracted: 08/30/07 08/30/07 San Francisco, CA 94105 Date Analyzed Client P.O.:

Extraction Method: SW5030B	A	nalytical	Method: S	SW8260B	Work Order: 0708	786	
Lab ID				0708786-004A			
Client ID				W-GP-4			
Matrix	 	·-		Water			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2,0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	_ND _	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND_	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	_ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1.2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND_	1.0	0.5
1.2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND ND	1.0	0.5
1.4-Dichlorobenzene	ND	1.0	0.5_	Dichlorodifluoromethane	ND _	1.0	0.5
1.1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND_	1.0	0.5
1.1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1.3-Dichloropropane	ND	1,0	0.5	2,2-Dichloropropane	ND _	1.0	0.5
I 1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND ND	1.0_	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethanol	ND	1.0	50	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Methanol	ND	1.0	500
Isopropylbenzene	ND	1.0	0.5_	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND _	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1.1.2.2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0_	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND ND	1.0_	0.5
Trichlorofluoromethane	ND_	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1.2.4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND.	1.0	0.5	Xvlenes	ND ND	1.0	0.5
		Sur	rogate R	ecoveries (%)			

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h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or surrogate coelutes with another peak.



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08/28/07 Client Project ID: #27205.23; 2400 Date Sampled: All West Environmental, Inc Condensa 08/28/07 Date Received: 530 Howard Street, Ste. 300 08/30/07 Date Extracted: Client Contact: Mike Siembieda 08/30/07 San Francisco, CA 94105 Date Analyzed Client P.O.:

ganics + Oxygenates by P&T and GC/MS (Basic Target List)*

	0	• •	-	&T and GC/MS (Basic Target L	Work Order: 0708'	786	
Extraction Method: SW5030B	<i>F</i>	Analytical I	Method: S		Work Order. 0700		
Lab ID		 		0708786-005A			
Client ID				W-GP-5			
Matrix				Water		 	Tp
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<100	10	10	Acrolein (Propenal)	ND<50	10	5.0
Acrylonitrile	ND<20	10	2.0	tert-Amyl methyl ether (TAME)	ND<5.0	10	0.5
Benzene	ND<5.0	10	0.5	Bromobenzene	ND<5.0	10	0.5
Bromochloromethane	ND≤5.0	10	0.5_	Bromodichloromethane	ND<5.0	10	0.5
Bromoform	ND<5.0	10	0.5	Bromomethane	ND<5.0	10	0.5
2-Butanone (MEK)	ND<20	10	2.0	t-Butyl alcohol (TBA)	ND<50	10_	5.0
n-Butyl benzene	ND<5.0	10	0.5	sec-Butyl benzene	ND<5.0	10	0.5
tert-Butyl benzene	ND<5.0	10	0.5	Carbon Disulfide	ND<5.0	10	0.5
Carbon Tetrachloride	ND<5.0	_10	0.5	Chlorobenzene	ND<5.0	10	0.5
Chloroethane	ND<5.0	10	0.5	2-Chloroethyl Vinyl Ether	ND<10	10	1.0
Chloroform	ND<5.0	10	0.5	Chloromethane	ND<5.0	10	0.5
2-Chlorotoluene	ND<5.0	10	0.5	4-Chlorotoluene	ND<5.0	10	0.5
Dibromochloromethane	ND<5.0	10	0.5	1,2-Dibromo-3-chloropropane	ND<5.0	10	0.5
1 2-Dibromoethane (EDB)	ND<5.0	10	0.5	Dibromomethane	ND<5.0	10	0.5
1.2-Dichlorobenzene	ND<5.0	10	0.5	1,3-Dichlorobenzene	ND<5.0	10	0.5
1.4-Dichlorobenzene	ND<5.0	10	0.5	Dichlorodifluoromethane	ND<5.0	10	0.5
1.1-Dichloroethane	ND<5.0	10	0.5	1,2-Dichloroethane (1,2-DCA)	ND<5.0	10	0.5
1.1-Dichloroethene	ND<5.0	10	0.5	cis-1,2-Dichloroethene	ND<5.0	10	0.5
trans-1.2-Dichloroethene	ND<5.0	10	0.5	1,2-Dichloropropane	ND<5.0	10	0.5
1.3-Dichloropropane	ND<5.0	10	0.5	2,2-Dichloropropane	ND<5.0	10	0.5
1.1-Dichloropropene	ND<5.0	10	0.5	cis-1,3-Dichloropropene	ND<5.0	10	0.5
trans-1,3-Dichloropropene	ND<5.0	10	0.5	Diisopropyl ether (DIPE)	ND<5.0	10_	0.5
Ethanol	ND<500	10	50	Ethylbenzene	ND<5.0	10_	0.5
Ethanol Ethyl tert-butyl ether (ETBE)	ND<5.0	10	0.5	Freon 113	ND<100	_10	10
Hexachlorobutadiene	ND<5.0	10	0.5	Hexachloroethane	ND<5.0	_10	0.5
2-Hexanone	ND<5.0	10	0.5_	Methanol	ND<5000	10	500
Isopropylbenzene	ND<5.0	10	0.5	4-Isopropyl toluene	ND<5.0	10	0.5
Methyl-t-butyl ether (MTBE)	ND<5.0	10	0.5	Methylene chloride	ND<5.0	_10	0.5
4-Methyl-2-pentanone (MIBK)	ND<5.0	10	0.5	Naphthalene	ND<5.0	10	0.5
Nitrobenzene	ND<100	10	10	n-Propyl benzene	ND<5.0	10	0.5
Styrene	ND<5.0	10	0.5	1.1.1.2-Tetrachloroethane	ND<5.0	10_	0.5
1.1.2.2-Tetrachloroethane	ND<5.0	10	0.5	Tetrachloroethene	ND<5.0	10	0.5
Toluene	ND<5.0	10	0.5	1,2,3-Trichlorobenzene	ND<5.0	10	0.5
1,2,4-Trichlorobenzene	ND<5.0	10	0.5	1.1.1-Trichloroethane	ND<5.0	10	0.5
1.1.2-Trichloroethane	ND<5.0	10	0:5	Trichloroethene	120	10	0.5
Trichlorofluoromethane	ND<5.0	10	0.5	1,2,3-Trichloropropane	ND<5.0	10	0.5
1.2.4-Trimethylbenzene	ND<5.0	10	0.5	1.3.5-Trimethylbenzene	ND<5.0	10	0.5
Vinyl Chloride	ND<5.0	10	0.5	Xylenes	ND<5.0	10	0.5
VINVI CHIONGE	1 1112-5.0			ecoveries (%)			
0/001	1			%\$\$2:	1	04	
%SS1:	103 %SS2 1 10						

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or surrogate coelutes with another peak.



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All West Environmental, Inc	Client Project ID: #27205.23; 2400	Date Sampled: 08/28/07
520 17 10 4 54 200	Condensa	Date Received: 08/28/07
530 Howard Street, Ste. 300	Client Contact: Mike Siembieda	Date Extracted: 08/30/07
San Francisco, CA 94105	Client P.O.:	Date Analyzed 08/30/07

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B		Analytical I	Method: S	SW8260B	Work Order: 07087	786	
Lab ID				0708786-006A			
Client ID				W-GP-6			
Matrix				Water			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<33	3.3	10	Acrolein (Propenal)	ND<17	3,3	5.0
Acrylonitrile	ND<6.7	3.3	2.0	tert-Amyl methyl ether (TAME)	ND<1.7	3.3	0.5
Benzene	ND<0.7	3.3	0.5	Bromobenzene	ND<1.7	3.3	0.5
Bromochloromethane	ND<1.7	3.3	0.5	Bromodichloromethane	ND<1.7	3.3	0.5
Bromoform	ND<1.7	3.3	0.5	Bromomethane	ND<1.7	3.3	0.5
2-Butanone (MEK)	ND<6.7	3,3	2.0	t-Butyl alcohol (TBA)	ND<17	3.3	5.0
n-Butyl benzene	ND<0.7	3.3	0.5	sec-Butyl benzene	ND<1.7	3.3	0.5
tert-Butyl benzene	ND<1.7	3.3	0.5	Carbon Disulfide	ND<1.7	3.3	0.5
Carbon Tetrachloride	ND<1.7	3.3	0.5	Chlorobenzene	ND<1.7	3.3	0.5
Chloroethane	ND<1.7	3.3	0.5	2-Chloroethyl Vinyl Ether	ND<3.3	3.3	1.0
Chloroform	ND<1.7	3.3	0.5	Chloromethane	ND<1.7	3.3	0.5
2-Chlorotoluene	ND<1.7	3.3	0.5	4-Chlorotoluene	ND<1.7	3.3	0.5
Dibromochloromethane	ND<1.7	3.3	0.5	1,2-Dibromo-3-chloropropane	ND<1.7	3.3	0.5
1.2-Dibromoethane (EDB)	ND<1.7	3.3	0.5	Dibromomethane	ND<1.7	3.3	0.5
1.2-Dichlorobenzene	ND<1.7	3.3	0.5	1,3-Dichlorobenzene	ND<1.7	3.3_	0.5
1.4-Dichlorobenzene	ND<1.7	3.3	0.5	Dichlorodifluoromethane	ND<1.7	3.3_	0.5
1.1-Dichloroethane	ND<1.7	3.3	0.5	1,2-Dichloroethane (1,2-DCA)	ND<1.7	3.3	0.5
1.1-Dichloroethene	ND<1.7	3.3	0.5	cis-1,2-Dichloroethene	ND<1.7	3.3	0.5
trans-1.2-Dichloroethene	ND<1.7	3.3	0.5	1,2-Dichloropropane	ND<1.7	3.3	0.5
1,3-Dichloropropane	ND<1.7	3.3	0.5	2,2-Dichloropropane	ND<1.7	3.3	0.5
1.1-Dichloropropene	ND<1.7	3.3	0.5	cis-1,3-Dichloropropene	ND<1.7	3.3	0.5
trans-1,3-Dichloropropene	ND<1.7	3.3	0.5	Diisopropyl ether (DIPE)	ND<1.7	3.3	0.5
Ethanol	ND<170	3.3	50	Ethylbenzene	ND<1.7	3.3	0.5
Ethyl tert-butyl ether (ETBE)	ND<1.7	3.3	0.5	Freon 113	ND<33	3.3	10
Hexachlorobutadiene	ND<1.7	3.3	0.5	Hexachloroethane	ND<1.7	3.3	0.5
2-Hexanone	ND<1.7	3.3	0.5	Methanol	ND<1700	3.3	500
Isopropylbenzene	ND<1.7	3.3	0.5	4-Isopropyl toluene	ND<1.7	3.3	0.5
Methyl-t-butyl ether (MTBE)	ND<1.7	3.3	0.5	Methylene chloride	ND<1.7	3,3	0.5
4-Methyl-2-pentanone (MIBK)	ND<1.7	3.3	0.5	Naphthalene	ND<1.7	3.3	0.5
Nitrobenzene	ND<33	3.3	10	n-Propyl benzene	ND<1.7	3.3	0.5
Styrene	ND<1.7	3.3	0.5	1,1,1,2-Tetrachloroethane	ND<1.7	3.3	0.5
1.1.2.2-Tetrachloroethane	ND<1.7	3.3	0.5	Tetrachloroethene	ND<1.7	3.3	0.5
Toluene	ND<1.7	3,3	0.5	1,2,3-Trichlorobenzene	ND<1.7	3.3	0.5
1,2,4-Trichlorobenzene	ND<1.7	3.3	0.5	1,1,1-Trichloroethane	ND<1.7	3.3	0.5
1,1,2-Trichloroethane	ND<1.7	3.3	0.5	Trichloroethene	50	3.3	0.5
Trichlorofluoromethane	ND<1.7	3,3	0.5	1,2,3-Trichloropropane	ND<1.7	3.3	0.5
1,2,4-Trimethylbenzene	ND<1.7	3.3	0.5	1,3,5-Trimethylbenzene	ND<1.7	3.3	0.5
Vinyl Chloride	ND<1.7	3.3	0.5	Xvlenes	ND<1.7	3.3	0.5
		Surr	rogate Re	ecoveries (%)			
%SS1:	1.0	05		%SS2:	10	03	
%SS3:		08					

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.





McCampbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

Client Project ID: #27205.23; 2400 08/28/07 Date Sampled: All West Environmental, Inc Condensa 08/28/07 Date Received: 530 Howard Street, Ste. 300 08/30/07 Date Extracted: Client Contact: Mike Siembieda San Francisco, CA 94105 Date Analyzed 08/30/07 Client P.O.:

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Work Order: 0708786 Analytical Method: SW8260B Extraction Method: SW5030B

	0708786-007A								
			W-GP-7						
			Water						
Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit			
ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0			
ND	1.0			_		0.5			
						0.5			
						0.5			
						5.0			
						0.5			
ND									
ND						0.5			
ND_									
ND						1.0			
ND	1.0					0.5			
ND	1.0	_				0.5			
ND	1.0	0.5				0.5			
ND ·	1.0	0.5				0.5			
ND	1.0	0.5			_	0.5			
ND	1.0	0.5				0.5			
ND	1.0	0.5				0.5			
ND_	1.0	0.5				0.5			
ND	1.0	0.5				0.5			
ND	1.0	0.5	 			0.5			
ND	1.0	0.5				0.5			
ND	1.0	0.5	Diisopropyl ether (DIPE)			0.5			
ND	1.0	50	Ethylbenzene		_	0.5			
ND	1.0	0.5	Freon 113			10			
ND	1.0	0.5	Hexachloroethane			0.5			
ND_	1,0	0.5	Methanol			500			
ND	1.0	0.5	4-Isopropyl toluene			0.5			
ND	1.0	0.5	Methylene chloride			0.5			
ND	1.0	0.5	Naphthalene			0.5			
ND	1.0	10	n-Propyl benzene			.0.5			
ND	1.0	0.5	1,1,1,2-Tetrachloroethane			0.5			
	1.0	0.5	Tetrachloroethene			0.5			
ND	1.0	0.5	1,2,3-Trichlorobenzene			0.5			
ND	1.0	0.5	1,1,1-Trichloroethane			0.5			
ND	1.0	0.5	Trichloroethene			0.5			
ND	1.0	0.5	1,2,3-Trichloropropane	ND		0.5			
ND	1.0	0,5	1,3,5-Trimethylbenzene			0.5			
ND_	1.0	0.5	Xvlenes	ND	1.0	0.5			
	Surre	gate R	ecoveries (%)						
1				1	04				
		· · · · ·							
	ND	Concentration * DF ND	ND	W-GP-7 Water	W-GP-7 Water	Water Water Water Concentration DF Reporting Concentration DF Concentration DF Concentration DF ND			

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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Client Project ID: #27205.23; 2400 Date Sampled: 08/28/07 All West Environmental, Inc Condensa Date Received: 08/28/07 530 Howard Street, Ste. 300 Client Contact: Mike Siembieda 08/28/07 Date Extracted: San Francisco, CA 94105 Client P.O.: Date Analyzed 08/29/07

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Analytical Method: SW8260B Work Order: 0708786 Extraction Method: SW5030B 0708786-009A Lab ID S-GP-1-7-8' Client ID Soil Matrix Reporting Reporting Limit DF Concentration * Concentration * DF Compound Compound 0.05 1.0 ND ND 1.0 0.05 Acrolein (Propenal) Acetone tert-Amyl methyl ether (TAME) ND 1.0 0.005 1.0 ND 0.02 Acrylonitrile 0.005 0.005 Bromobenzene 1.0 ND ND Benzene ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromodichloromethane 1.0 0.005 ND ND 0.005 Bromomethane Bromoform ND 1.0 0.05 1.0 0.02 t-Butyl alcohol (TBA) ND 2-Butanone (MEK) 1.0 0.005 ND 1.0 0.005 sec-Butyl benzene ND n-Butyl benzene 0.005 ND 1.0 ND 1.0 0.005 Carbon Disulfide tert-Butyl benzene 0.005 1.0 ND Carbon Tetrachloride ND 1.0 0.005 Chlorobenzene 0.01 2-Chloroethyl Vinyl Ether ND 1.0 1.0 0.005 ND Chloroethane 0.005 ND 1.0 Chloromethane Chloroform 1.0 0.005 ND 0.005 4-Chlorotoluene ND 2-Chlorotoluene 0.005 0.005 1,2-Dibromo-3-chloropropane ND 1.0 1.0 ND Dibromochloromethane 1.0 0.005 'nD 1,2-Dibromoethane (EDB) ND. 1.0 0.005 Dibromomethane 1.0 0.005 0.005 1,3-Dichlorobenzene ND 1.0 1,2-Dichlorobenzene ND 0.005 1.0 ND ND 1.0 0.005 Dichlorodifluoromethane 1.4-Dichlorobenzene 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 1.0 0.005 1,1-Dichloroethane ND 0.005 ND 0.005 cis-1,2-Dichloroethene <u>ND</u> 1,1-Dichloroethene

1,1 2,4							0 005
trans-1,2-Dichloroethene	ND .	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND_	1.0	0.005
I.1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1,0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethanol	ND	1.0	0.25	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND_	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND_	1.0	0,005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methanol	ND	1.0	2.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005
Nitrobenzene	ND	1.0	0.1_	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1.1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0_	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1.1.2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1.2.3-Trichloropropane	ND	1.0	0.005
Tremotoridoromethane			+	<u> </u>			

0.005 Xylenes

Surrogate Recoveries (%)

0.005 1.3.5-Trimethylbenzene

%SS2:

%SS3:

%SS1:

Vinvl Chloride

Trichlorofluoromethane

1,2,4-Trimethylbenzene

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

ND

ND

97

107

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



1.0

ND

0.005

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.



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Client Project ID: #27205.23; 2400 Date Sampled: 08/28/07 All West Environmental, Inc Condensa Date Received: 08/28/07 530 Howard Street, Ste. 300 Date Extracted: 08/28/07 Client Contact: Mike Siembieda San Francisco, CA 94105 Date Analyzed 08/29/07 Client P.O.:

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Work Order: 0708786 Extraction Method: SW5030B Analytical Method: - SW8260B

Extraction Method: SW5030B		Analytical	victiiou.	,				
Lab ID				0708786-010A				
Client ID				S-GP-2-7-8'				
Matrix				Soil				
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reportin Limit	
Acetone	ND	1.0	0.05	Acrolein (Propenal)			0.05	
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND ND	1.0	0.005	
Benzene	ND	1.0	0.005	Bromobenzene	ND ND	1.0	0.005	
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND ND	1.0	0.005	
Bromoform	ND	1.0	0.005	Bromomethane	ND ND	1.0	0.00	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05	
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.00	
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.00	
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND ND	1.0	0.005	
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01	
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.00	
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND _	1.0	0.00	
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND ND	1.0	0.00	
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND ND	1.0	0.00	
1.2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.00	
1.4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.00	
1.1-Dichloroethane	ND	1.0_	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.00	
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.00	
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.00	
1.3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.00	
1.1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.00	
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.00	
Ethanol	ND	1.0	0.25	Ethylbenzene	ND	1.0	0.00	
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.00	
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.00	
4-Isopropyl toluene	ND	1.0	0.005	Methanol	ND	1.0	2.5	
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1,0	0.00	
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005		ND	1,0	0.00	
Nitrobenzene	ND ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.00	
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.00	
1.1.2.2-Tetrachloroethane	ND ND	1.0	0.005		ND	1.0	0.00	
Toluene	ND ND	1.0		1,2,3-Trichlorobenzene	ND	1.0	0.00	
1.2.4-Trichlorobenzene	ND	1.0		1.1.1-Trichloroethane	ND	1.0	0.00	
1,1,2-Trichloroethane	ND	1.0	0.005		ND	1.0	0.00	
Trichlorofluoromethane	ND	1.0		1.2.3-Trichloropropane	ND	1.0	0.00	
1.2.4-Trimethylbenzene	ND	1.0		1,3,5-Trimethylbenzene	ND	1.0	0.00	
Vinyl Chloride	ND	1.0		Xvienes	ND	1.0_	0.00	
V MIVI CIIIOIIUE				ecoveries (%)				
%SS1: 97 %SS2: 106						_		

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or surrogate coelutes with another peak.



All West Environmental, Inc

530 Howard Street, Ste. 300

San Francisco, CA 94105

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Client Project ID: #27205.23; 2400 Date Sampled: 08/28/07 Condensa Date Received: 08/28/07 08/28/07 Client Contact: Mike Siembieda Date Extracted: Date Analyzed 08/29/07 Client P.O.:

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Work Order: 0708786 Analytical Method: SW8260B Extraction Method: SW5030B 07087<u>86-011A</u> Lab ID S-GP-3-7'-8

Client ID		S-GP-3-7-8								
Matrix				Soil			Reporting			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Limit			
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05			
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005			
Benzene	ND	1.0	0.005		ND	1.0	0.005			
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005			
Bromoform	ND	1.0	0.005	Bromomethane	ND_	1.0	0.005			
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND ND	1.0	0.05			
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND ND	1.0	0.005			
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0,005			
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005			
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND ND	1.0	0.01			
Chloroform	ND	1.0	0.005	Chloromethane	ND ND	1.0	0.005			
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005			
Dibromochloromethane	ND	1.0_	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005			
1 2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005			
1.2-Dichlorobenzene	ND _	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005			
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005			
1.1-Dichloroethane	ND _	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.00			
1.1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005			
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005			
1.3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0,005			
1.1-Dichloropropene	ND	1.0	0.005	cis-1.3-Dichloropropene	ND	1.0	0.005			
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND ND	1.0	0.00			
Ethanol	ND	1.0	0.25	Ethylbenzene	ND	1.0	0.00:			
Ethanol Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1			
	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.00			
Hexachlorobutadiene	ND	1.0	0.005		ND	1.0	0.00			
2-Hexanone	ND	1.0	0.005		ND ND	1.0	2.5			
4-Isopropyl toluene	ND ND	1.0	0.005		ND	1.0	0.00			
Methyl-t-butyl ether (MTBE)	ND ND	1.0	0.005		ND	1.0	0.00			
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.00			
Nitrobenzene	ND	1.0	0.005		ND	1.0	0.00			
Styrene	ND ND	1.0	0.005		ND	1.0	0.00			
1,1,2,2-Tetrachloroethane	ND	1.0	0.005		ND	1.0	0.00			
Toluene	ND	1.0	0.005		ND	1.0	0.00			
1,2,4-Trichlorobenzene	ND ND	1.0	0.005		ND	1.0	0,00			
1,1,2-Trichloroethane	ND ND	1.0	0.005		ND	1.0	0.00			
Trichlorofluoromethane	ND ND	1.0	0.005		ND	1.0	0.00			
1,2,4-Trimethylbenzene	ND ND	1.0	0.005		ND	1.0	0.00			
Vinvl Chloride	11			ecoveries (%)						
		104								
%SS1:		97		%\$\$2:						
%SS3·		119		<u> </u>						

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



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All West Environmental, Inc	Client Project ID: #27205.23; 2400	Date Sampled: 08/28/07
530 Howard Street, Ste. 300	Condensa	Date Received: 08/28/07
	Client Contact: Mike Siembieda	Date Extracted: 08/28/07
San Francisco, CA 94105	Client P.O.:	Date Analyzed 08/29/07

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Analytical Method: SW8260B Work Order: 0708786 Extraction Method: SW5030B

Lab ID		0708786-012A							
Client ID				S-GP-4-7-8'					
Matrix				Soil					
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit		
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05		
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005		
Benzene	ND	1.0	0.005	Bromobenzene	ND ND	1.0	0.005		
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0_	0.005		
Bromoform	ND	1.0	0.005	Bromomethane	ND ND	1.0	0.005		
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05		
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005		
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005		
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005		
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01		
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005		
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005		
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005		
1.2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005		
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005		
1.4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005		
1.1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND_	1.0	0.005		
1.1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005		
trans-1.2-Dichloroethene	ND	1.0	0.005	1.2-Dichloropropane	ND	1.0	0.005		
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005		
1.1-Dichloropropene	ND	1.0	0.005	cis-1.3-Dichloropropene	ND	1.0	0.005		
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005		
Ethanol	ND	1.0	0.25	Ethylbenzene	ND	1.0	0.005		
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1		
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005		
2-Hexanone	ND	· 1.0	0.005	Isopropylbenzene	ND	1.0	0.005		
4-Isopropyl toluene	ND	1.0	0.005	Methanol	ND	1.0	2.5		
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005		
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005		
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005		
Styrene	ND	1.0	0.005	1.1.1.2-Tetrachloroethane	ND	1.0	0.005		
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005		
Toluene	ND	1.0	0.005	1.2.3-Trichlorobenzene	ND	1.0	0.005		
1.2.4-Trichlorobenzene	ND	1.0	0.005	1.1.1-Trichloroethane	ND	1.0	0.005		
1.1.2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005		
Trichlorofluoromethane	ND	1.0	0.005	1.2.3-Trichloropropane	ND	-1.0	0.005		
1.2.4-Trimethylbenzene	ND	1.0	0.005	1.3.5-Trimethylbenzene	ND	1.0	0.005		
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005		
1 YIIIYI CIIIOTIGE	. 1			ecoveries (%)					
9/551	1	6	- Part IV	%SS2:	1/	04	-		
%SS1:		07		70532.		, , , , , , , , , , , , , , , , , , , 			
%SS3·	<u></u>	U/							

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.



^{*} water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com

Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0708786

EPA Method SW8260B	Extrac	Extraction SW5030B					BatchID: 30281 S			piked Sample ID: 0708787-001A			
Analyta	Sample	ole Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD					Acc	Acceptance Criteria (%)					
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
tert-Amyl methyl ether (TAME)	ND	0.050	98.9	96.3	2.63	95.7	96.5	0.851	70 - 130	30	70 - 130	30	
Benzene	ND	0.0509	2	89.2	3.05	89	89.4	0.527	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	93.8	90.6	3.45	92.6	92.1	0.603	70 - 130	30	70 - 130	30	
Chlorobenzene	ND	0.050	100	97.5	2.85	97.8	101	3.06	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	119	114	3.68	117	119	1.38	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	100	97.4	3.12	97.1	99.3	2.23	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	0.050	109	104	3.88	104	106	1.92	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	113	109	3.74	. 108	109	1.00	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	95.2	92.1	3.34	91.4	92.9	1.67	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	98.8	96.2	2.65	96.6	98	1.44	70 - 130	30	70 - 130	30	
Toluene	ND	0.050	90.5	86.6	4.44	88	89.2	1.40	70 - 130	30	70 - 130	30	
Trichloroethene	ND	0.050	85.1	82.5	3.06	84.7	84.9	0.141	70 - 130	30	70 - 130	30	
%SS1:	98	0.050	102	101	0.809	100	98	1.50	70 - 130	30	70 - 130	30	
%SS2:	107	0.0509	6	95	0.710	97	96	0.150	70 - 130	30	70 - 130	30	
%SS3:	107	0.050	100	100	0	100	99	1.13	70 - 130	30	70 - 130	30	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 30281 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0708786-009A	08/28/07	7 08/28/07	08/29/07 5:21 PM	0708786-010A	08/28/0	7 .08/28/07	08/29/07 6:07 PM
0708786-011A	08/28/07	08/28/07	08/29/07 6:53 PM	0708786-012A	08/28/0	7 08/28/07	08/29/07 7:39 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

QA/QC Officer

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0708786

EPA Method SW8260B Extraction SW5030B				BatchID: 30234			Spiked Sample ID: 0708726-001C					
A lub-	Sample	Sample Spiked MS		MSD	ISD MS-MSD LCS LCSD		LCS-LCSD Acceptance Criteria (%)					
Analyte	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	110	114	3.79	101	98.2	3.22	70 - 130	30	70 - 130	30
Benzene	ND	10	98.3	101	3.04	91.1	89.9	1.34	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	98.6	99	0.434	98.4	96.8	1.73	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	114	118	2.97	108	107	1.65	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	124	124	0	122	122	0	70 - 130	30	70 - 130	30.
1,2-Dichloroethane (1,2-DCA)	ND	10	114	117	2.35	104	102	1.95	70 - 130	30	70 - 13 <u>0</u>	30
1,1-Dichloroethene	ND	10	118	121	2.41	111	108	2.45	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	122	125	3.09	109	106	3.05	70 - 130	30	70 - 130	30.
Ethyl tert-butyl ether (ETBE)	ND	10	107	109	2.19	95.9	93.5	2.49	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	1.3	10	99.4	103	2.84	102	99.6	2.43	70 - 130	30	70 - 130	30
Toluene	ND	10	101	106	5.31	95.9	94.3	1.66	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	96.3	98	1.76	90.7	87.9	3.19	70 - 130	30	70 - 130	30
%SS1:	104	10	97	96	0.754	100	99	1.30	70 - 130	30	70 - 130	30
%SS2;	93	10	92	94	1.40	101	102	0.802	70 - 130	30	70 - 130	30
%SS3:	89	10	117	116	1.10	102	103	0.822	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 30234 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0708786-001A	08/28/07	08/30/07	08/30/07 12:06 AM	0708786-002A	08/28/07	08/30/07	08/30/07 12:59 AM
0708786-001A	08/28/07		08/29/07 2:24 AM	0708786-004A	08/28/07	08/30/07	08/30/07 1:46 AM
0708786-005A	08/28/07		08/30/07 2:37 AM	0708786-006A	08/28/07	08/30/07	08/30/07 3:30 AM
0708786-007A	08/28/07	08/30/07	08/30/07 4:22 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

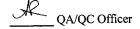
% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.





HEXAGON TRANSPORTATION CONSULTANTS. INC.

January 16, 2008

Ms. Shannon George David J. Powers & Associates, Inc. 1885 The Alameda, Suite 204 San Jose, California 95126

Subject: Additional Services Budget for the Proposed Office Development Located at San Tomas Expressway and Central Expressway

Dear Ms. George:

The scope of services in our October 12, 2007 proposal for the above referenced project includes the analysis of up to 50 study intersections. However, the City of Santa Clara has requested that the traffic analysis scope be expanded to include a total of 59 study intersections. Furthermore, a total of 46 new AM and PM peak-hour intersection turning-movement counts are required. This exceeds the 40 new counts included in our proposed scope of work. The cost of these additional services is \$4,000 for the additional study intersections and \$1,200 for the additional counts, for a total additional cost of \$5,200. This augment would increase our budget from \$74,000 to \$79,200.

We will proceed with the additional services upon your written authorization. We look forward to the successful completion of this project. If you have any questions, please do not hesitate to call me.

Sincerely,

HEXAGON TRANSPORTATION CONSULTANTS, INC.

Michelle Hunt Principal Associate

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